

5 and the liquid reservoir 18 are arranged concentrically. However, in other embodiments, the vent 5 or the flow channel 8 may also be centered and/or arranged outside the area center of the cross-section of the fluid reservoir 18.

[0114] The vaporizer device 1 arranged in the liquid reservoir 18, respectively the carrier 4 of the vaporizer device 1 comprise an oval outer cross-section. In this example, the outer cross-section is elliptical. The elliptical outer cross-section of the vaporizer device 1 or of the carrier 4 comprises a large semi-axis, which is equal to the radius of the liquid reservoir 18. As a result, the vaporizer device 1 or the carrier 4 is supported in the liquid reservoir 18 at two contacting points 120, 121 diametrically opposite on the major axis of the ellipse. Between the wall 101 and the vaporizer device 1 or the carrier 4 there are two openings diametrically opposite on the minor axis of the ellipse, for example the filling opening 6 and a further opening 83 serving for venting. The opposite openings 6, 83 are closed in a liquid-tight manner by the first closure part 7 (not shown in FIG. 7).

[0115] In order to support an advantageous assembly of the consumption unit 17, in particular an advantageous alignment of the liquid reservoir 18, the vaporizer device 1 resp. the carrier 4 and/or the first closure part 7 during assembly, at least one guide element not shown, such as a nose, recess, groove, chamfer and/or a similar element suitable for guiding, can be provided, which prevents, for example, an unintentional rotation of the components.

[0116] The vaporizer device 1 preferably comprises an elongated shape. Insofar as the inhaler 10 and/or the liquid reservoir 18 also comprise an elongated shape, the vaporizer device is preferably aligned with its longitudinal axis parallel to the longitudinal axis of the inhaler 10 resp. the liquid reservoir 18 and thus also to the flow direction of the liquid to be vaporized, so that the liquid flows along the vaporizer device 1 over a flow path that is as long as possible. The liquid reservoir 18 can then be filled either parallel to the longitudinal axis of the vaporizer device 1 or perpendicular to the longitudinal axis of the vaporizer device 1, depending on the position of the filling opening 6.

1. A consumption unit for an electronic inhaler, comprising:

a liquid reservoir,  
a vaporizer device arranged in the liquid reservoir, and  
a vent with a flow channel extending in the liquid reservoir up to a flow connection of the flow channel to the environment,

wherein the liquid reservoir comprises a filling opening which is closed via a first closure part.

2. The consumption unit according to claim 1, wherein the filling opening is formed by a free space between the vaporizer device and a wall of the liquid reservoir.

3. The consumption unit according to claim 1, wherein the liquid reservoir comprises a cross-section perpendicular to a longitudinal direction of the flow channel which is larger than an outer cross-section formed by the vaporizer device perpendicular to the longitudinal direction of the flow channel, and

wherein the filling opening is provided between the inner contour of the liquid reservoir and the outer contour of the vaporizer device.

4. The consumption unit according to claim 3, wherein the inner cross-sectional area of the liquid reservoir is circular and the outer cross-sectional area of the vaporizer device is oval.

5. The consumption unit according to claim 1, wherein the filling opening is formed by a bore in a wall of the liquid reservoir.

6. The consumption unit according to claim 1, wherein a venting opening is provided, which is closed via a second closure part.

7. The consumption unit according to claim 1, wherein the filling opening is provided between the vent and a wall of the liquid reservoir.

8. The consumption unit according to claim 1, wherein the vent and the vaporizer device and/or the vent and the liquid reservoir are formed at least in sections as a one-piece component.

9. The consumption unit according to claim 8, wherein the liquid reservoir and/or the vaporizer device are molded with a portion which at least partially forms the vent.

10. The consumption unit according to claim 1, wherein the first closure part fixes the vaporizer device relative to the liquid reservoir.

11. The consumption unit according to claim 10, wherein the first closure part comprises a coupling geometry adapted to the geometry of the liquid reservoir and/or the vaporizer device.

12. The consumption unit according to claim 1, wherein the vent is fluidically connected to an outlet side of the vaporizer device.

13. The consumption unit according to claim 1, wherein the first closure part is designed as a mouthpiece.

14. The consumption unit according to claim 13, wherein the first closure part comprises a flow channel which connects the flow channel of the vent to the environment.

15. The consumption unit according to claim 1, wherein a wick structure is provided between the liquid reservoir and the vaporizer device, and wherein the wick structure is oriented and/or connected to the liquid reservoir such that the feed of liquid through the wick structure is perpendicular or at an angle not equal to 180 degrees to the longitudinal extension of the vaporizer device.

16. An electronic inhaler comprising a consumption unit according to claim 1.

17. A method for manufacturing a consumption unit for an inhaler having a liquid reservoir, a vaporizer device, and a first closure part,

comprising the following process steps in the following order:

inserting the vaporizer device into the liquid reservoir to a final fastening position,

filling the liquid reservoir with liquid through a filling opening, and

closing the filling opening via the first closure part.

18. The method according to claim 17, wherein the vaporizer device comprises a smaller outer geometry perpendicular to an insertion direction than a free cross-sectional area of the liquid reservoir perpendicular to the insertion direction of the vaporizer device, and